



75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
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www.greenanalytical.com

07 May 2018

Dennis Swank
Rico, Town of
PO Box 9
Rico, CO 81332
RE: Comp. Pb/Cu

Enclosed are the results of analyses for samples received by the laboratory on 04/27/18 09:45.
If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads 'Debbie Zufelt'. The script is cursive and fluid, with the first name 'Debbie' and last name 'Zufelt' clearly legible.

Debbie Zufelt
Reports Manager

All accredited analytes contained in this report are denoted by an asterisk (*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water.

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8.



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

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Rico, Town of
PO Box 9
Rico CO, 81332

Project: Comp. Pb/Cu
Project Name / Number: Lead & Copper
Project Manager: Dennis Swank

Reported:
05/07/18 12:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LCR 1 - 116 E Soda St	1804222-01	Water	04/25/18 04:30	04/27/18 09:45
LCR 2 - N Commercial St	1804222-02	Water	04/25/18 05:30	04/27/18 09:45
LCR 13 - 216 W Soda St	1804222-03	Water	04/24/18 10:00	04/27/18 09:45
LCR 4 32 N River St.	1804222-04	Water	04/24/18 07:30	04/27/18 09:45
LCR 5 34 N River St	1804222-05	Water	04/24/18 08:30	04/27/18 09:45
LCR 12 - 103 Soda St	1804222-06	Water	04/24/18 08:00	04/27/18 09:45
LCR 15 - 131 Picker St	1804222-07	Water	04/24/18 06:00	04/27/18 09:45
LCR 8 - 134 Argentine St	1804222-08	Water	04/24/18 07:30	04/27/18 09:45
LCR 9 - 115 Short St	1804222-09	Water	04/24/18 08:00	04/27/18 09:45
LCR 14 - 28 N Handcork St	1804222-10	Water	04/23/18 10:00	04/27/18 09:45

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Project Manager: Dennis Swank

Reported:
05/07/18 12:43

LCR 1 - 116 E Soda St
1804222-01 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Total Recoverable Metals by ICPMS (E200.8)

Copper*	0.130	0.0005	0.0002	mg/L	1	05/04/18	EPA200.8	M5	JDA
Lead*	0.0033	0.0005	0.00008	mg/L	1	05/04/18	EPA200.8		JDA

LCR 2 - N Commercial St
1804222-02 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Total Recoverable Metals by ICPMS (E200.8)

Copper*	0.0221	0.0005	0.0002	mg/L	1	05/04/18	EPA200.8		JDA
Lead*	<0.0005	0.0005	0.00008	mg/L	1	05/04/18	EPA200.8		JDA

LCR 13 - 216 W Soda St
1804222-03 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Total Recoverable Metals by ICPMS (E200.8)

Copper*	0.0364	0.0005	0.0002	mg/L	1	05/04/18	EPA200.8		JDA
Lead*	0.0024	0.0005	0.00008	mg/L	1	05/04/18	EPA200.8		JDA

LCR 4 32 N River St.
1804222-04 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Total Recoverable Metals by ICPMS (E200.8)

Copper*	0.0734	0.0005	0.0002	mg/L	1	05/04/18	EPA200.8		JDA
Lead*	<0.0005	0.0005	0.00008	mg/L	1	05/04/18	EPA200.8		JDA

LCR 5 34 N River St
1804222-05 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Total Recoverable Metals by ICPMS (E200.8)

Green Analytical Laboratories

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Project: Comp. Pb/Cu
Project Name / Number: Lead & Copper
Project Manager: Dennis Swank

Reported:
05/07/18 12:43

LCR 5 34 N River St
1804222-05 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Total Recoverable Metals by ICPMS (E200.8)

Copper*	0.151	0.0005	0.0002	mg/L	1	05/04/18	EPA200.8		JDA
Lead*	<0.0005	0.0005	0.00008	mg/L	1	05/04/18	EPA200.8		JDA

LCR 12 - 103 Soda St
1804222-06 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Total Recoverable Metals by ICPMS (E200.8)

Copper*	0.161	0.0005	0.0002	mg/L	1	05/04/18	EPA200.8		JDA
Lead*	0.0011	0.0005	0.00008	mg/L	1	05/04/18	EPA200.8		JDA

LCR 15 - 131 Picker St
1804222-07 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Total Recoverable Metals by ICPMS (E200.8)

Copper*	0.124	0.0005	0.0002	mg/L	1	05/04/18	EPA200.8		JDA
Lead*	0.0027	0.0005	0.00008	mg/L	1	05/04/18	EPA200.8		JDA

LCR 8 - 134 Argentine St
1804222-08 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Total Recoverable Metals by ICPMS (E200.8)

Copper*	0.0365	0.0005	0.0002	mg/L	1	05/04/18	EPA200.8		JDA
Lead*	<0.0005	0.0005	0.00008	mg/L	1	05/04/18	EPA200.8		JDA

LCR 9 - 115 Short St
1804222-09 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Total Recoverable Metals by ICPMS (E200.8)

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Project Name / Number: Lead & Copper
Project Manager: Dennis Swank

Reported:
05/07/18 12:43

LCR 9 - 115 Short St
1804222-09 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Total Recoverable Metals by ICPMS (E200.8)

Copper*	0.0296	0.0005	0.0002	mg/L	1	05/04/18	EPA200.8		JDA
Lead*	<0.0005	0.0005	0.00008	mg/L	1	05/04/18	EPA200.8		JDA

LCR 14 - 28 N Handcork St
1804222-10 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Total Recoverable Metals by ICPMS (E200.8)

Copper*	0.535	0.0005	0.0002	mg/L	1	05/04/18	EPA200.8		JDA
Lead*	0.0019	0.0005	0.00008	mg/L	1	05/04/18	EPA200.8		JDA

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Project: Comp. Pb/Cu
Project Name / Number: Lead & Copper
Project Manager: Dennis Swank

Reported:
05/07/18 12:43

Total Recoverable Metals by ICPMS (E200.8) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B805007 - Total Rec. 200.7/200.8/200.2										
Blank (B805007-BLK1)										
Prepared: 05/01/18 Analyzed: 05/04/18										
Copper	ND	0.0005	mg/L							
Lead	ND	0.0005	mg/L							
LCS (B805007-BS1)										
Prepared: 05/01/18 Analyzed: 05/04/18										
Copper	0.0522	0.0005	mg/L	0.0500		104	85-115			
Lead	0.0503	0.0005	mg/L	0.0500		101	85-115			
LCS Dup (B805007-BSD1)										
Prepared: 05/01/18 Analyzed: 05/04/18										
Copper	0.0527	0.0005	mg/L	0.0500		105	85-115	0.998	20	
Lead	0.0513	0.0005	mg/L	0.0500		103	85-115	1.94	20	

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Project Name / Number: Lead & Copper
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Reported:
05/07/18 12:43

Notes and Definitions

M5 Sample was chosen for matrix spike. Spike recovery did not meet laboratory acceptance criteria, possible matrix interference in sample.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis
*Results reported on as received basis unless designated as dry.

RPD Relative Percent Difference

LCS Laboratory Control Sample (Blank Spike)

RL Report Limit

MDL Method Detection Limit

Green Analytical Laboratories

A handwritten signature in black ink that reads 'Debbie Zufelt'.

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service@greenanalytical.com or dzufelt@greenanalytical.com
75 Suttle St Durango, CO 81303

Page 8 of 12

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by GAL, regardless of whether such claim is based upon any of the above stated reasons or otherwise					
Relinquished By:	Date:	Received By:	ADDITIONAL REMARKS:		
	Time:		Report to State? (Circle)		
			Yes No		
Relinquished By:	Date:	Received By:			
	Time:				
Relinquished By:	Date:	Received By:			
	Time:				
Relinquished By:	Date:	Received By:			
	Time:				
			#1 on ice		
			1.8/1.6°C	DZ	
			Temperature at receipt:	CHECKED BY	

* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.



Colorado Department
of Public Health
and Environment

Lead and Copper Certified Laboratory Report Form

WQCD - Drinking Water CAS

4300 Cherry Creek Drive South; Denver, CO 80246-1530

Fax: (303) 758-1398; cdphe.drinkingwater@state.co.us

Revision 6/13/2014

LCR

Section I (Supplied or Completed by Public Water System)				Section II (Supplied or Completed by Certified Laboratory)						
Public Water System Information				Certified Laboratory Information						
PWS ID: COO 117700		Facility ID: DS001		Laboratory ID:						
System Name: TOWN OF RICO				Laboratory Name:						
Contact Person: DENNIS SWANK		Phone #: 970-967-2865		Contact Person:				Phone #:		
Comments:				Comments:						

Section III (Supplied or Completed by Public Water System)			Section IV (Supplied or Completed by Certified Laboratory)							
Sample Date	Collector	Sample Pt ID / Address - Location	Lab Receipt Date	Lab Analysis Date	Lab Sample ID #	Analyte	Analytical Method	AL (mg/L)	Lab MRL (mg/L)	Result (mg/L)
4/25/14	DENNIS	LCR 1 116 E soda street				Copper		1.3		
						Lead		0.015		
4/25/14	DENNIS	LCR 2 2nd commercial st				Copper		1.3		
						Lead		0.015		
4/24/14	Joe	LCR 13 214 W soda st				Copper		1.3		
						Lead		0.015		
4/24/14	CHRIS	LCR 4 32nd River st				Copper		1.3		
						Lead		0.015		
4/24/14	GARY	LCR 5 34th River st				Copper		1.3		
						Lead		0.015		
4/24/14	BERRY	LCR 12 103 soda st				Copper		1.3		
						Lead		0.015		

NT: Not Tested

Lab MRL: Laboratory Minimum Reporting Level

BDL: Below Laboratory MRL. A less than sign (<) may also be used

mg/L: Milligrams per Liter

AL: Action Level

LCR

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of Public Health
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Public Water System Information				Certified Laboratory Information						
PWS ID: 000 117700		Facility ID: DS001		Laboratory ID:						
System Name: Town of Rico				Laboratory Name:						
Contact Person: Dennis Swank		Phone #: 970-967-2865		Contact Person:				Phone #:		
Comments:				Comments:						

Section III (Supplied or Completed by Public Water System)			Section IV (Supplied or Completed by Certified Laboratory)							
Sample Date	Collector	Sample Pt ID / Address - Location	Lab Receipt Date	Lab Analysis Date	Lab Sample ID #	Analyte	Analytical Method	AL (mg/L)	Lab MRL (mg/L)	Result (mg/L)
4/24/16	Pgt	LCR 15 131 Picker St				Copper		1.3		
						Lead		0.015		
4/24/16	mar y	LCR 6 134 Argentine St				Copper		1.3		
						Lead		0.015		
4/24/16	Jenny	LCR 9 115 Short St				Copper		1.3		
						Lead		0.015		
4/23/16	Kun 2	LCR 14 28 N Hancock St				Copper		1.3		
						Lead		0.015		
						Copper		1.3		
						Lead		0.015		
						Copper		1.3		
						Lead		0.015		

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mg/L: Milligrams per Liter

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Lead and Copper Certified Laboratory Report Form

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WQCD-B2-Drinking Water CAS

LCR - Results

Revision: 11/ 01/ 2016

4300 Cherry Creek Drive South; Denver, CO 80246-1530

Section I System Information (Supplied or Completed by Public Water System)		Section II Certified Laboratory Information (Supplied or Completed by Certified Laboratory)	
PWSID: CO0117700	Facility ID: DS001	SDWIS Laboratory ID: CO118	
System Name: Town of Rico		Laboratory Name: Green Analytical Laboratories	
Contact Person: Dennis Swank	Phone: 970-967-2865	Contact Person: Jacob Miller	Phone: 970-247-4220
Comments:		Comments:	

Section III (Supplied or Completed by Public Water System)				Section IV (Supplied or Completed by Certified Laboratory)							
Sample Date	Collector	Sample Pt ID	Address, City, Zip	Lab Receipt	Lab Analysis	Lab Sample ID #	Analyte	Analytical Method	AL (mg/ L)	Lab MRL (mg/ L)	Result (mg/ L)
04/24/18	Dennis	LCR 1	116 E Soda St, Rico, CO 81332	04/27/18	05/04/18	1804222-01	Copper	EPA200.8	1.3	0.0005	0.130
							Lead	EPA200.8	0.015	0.0005	0.0033
04/24/18	Dennis	LCR 2	2 N Commercial St, Rico, CO 81332	04/27/18	05/04/18	1804222-02	Copper	EPA200.8	1.3	0.0005	0.0221
							Lead	EPA200.8	0.015	0.0005	<0.0005
04/24/18	Joe	LCR 13	216 N Soda St, Rico, CO 81332	04/27/18	05/04/18	1804222-03	Copper	EPA200.8	1.3	0.0005	0.0364
							Lead	EPA200.8	0.015	0.0005	0.0024
04/24/18	Chris	LCR 4	32 N River St, Rico, CO 81332	04/27/18	05/04/18	1804222-04	Copper	EPA200.8	1.3	0.0005	0.0734
							Lead	EPA200.8	0.015	0.0005	<0.0005
04/24/18	Gary	LCR 5	34 N River St, Rico, CO 81332	04/27/18	05/04/18	1804222-05	Copper	EPA200.8	1.3	0.0005	0.151
							Lead	EPA200.8	0.015	0.0005	<0.0005

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LCR - Results

Revision: 11/ 01/ 2016

4300 Cherry Creek Drive South; Denver, CO 80246-1530

Section I System Information (Supplied or Completed by Public Water System)		Section II Certified Laboratory Information (Supplied or Completed by Certified Laboratory)	
PWSID: CO0117700	Facility ID: DS001	SDWIS Laboratory ID: CO118	
System Name: Town of Rico		Laboratory Name: Green Analytical Laboratories	
Contact Person: Dennis Swank	Phone: 970-967-2865	Contact Person: Jacob Miller	Phone: 970-247-4220
Comments:		Comments:	

Section III (Supplied or Completed by Public Water System)				Section IV (Supplied or Completed by Certified Laboratory)							
Sample Date	Collector	Sample Pt ID	Address, City, Zip	Lab Receipt	Lab Analysis	Lab Sample ID #	Analyte	Analytical Method	AL (mg/ L)	Lab MRL (mg/ L)	Result (mg/ L)
04/24/18	Barry	LCR 12	103 Soda St, Rico, CO 81332	04/27/18	05/04/18	1804222-06	Copper	EPA200.8	1.3	0.0005	0.161
							Lead	EPA200.8	0.015	0.0005	0.0011
04/24/18	Pat	LCR 15	131 Picker St, Rico, CO 81332	04/27/18	05/04/18	1804222-07	Copper	EPA200.8	1.3	0.0005	0.124
							Lead	EPA200.8	0.015	0.0005	0.0027
04/24/18	Mary	LCR 8	134 Argentine St, Rico, CO 81332	04/27/18	05/04/18	1804222-07	Copper	EPA200.8	1.3	0.0005	0.0365
							Lead	EPA200.8	0.015	0.0005	<0.0005
04/24/18	Jenny	LCR 9	115 Short St, Rico, CO 81332	04/27/18	05/04/18	1804222-09	Copper	EPA200.8	1.3	0.0005	0.0296
							Lead	EPA200.8	0.015	0.0005	<0.0005
04/24/18	Kunz	LCR 14	28 N Handcork St Rico, CO 81332	04/27/18	05/04/18	1804222-10	Copper	EPA200.8	1.3	0.0005	0.535
							Lead	EPA200.8	0.015	0.0005	0.0019

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